

IBS IL 24 BK-LK-PAC

Order No.: 2861218



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861218>


INTERBUS bus coupler, with fiber optic connection, 24 V DC, complete with accessories (connector and labeling field)



| Commercial data | |
|--------------------------|--------------------|
| GTIN (EAN) | 4 017918 894160 |
| sales group | K410 |
| Pack | 1 pcs. |
| Customs tariff | 85389091 |
| Catalog page information | Page 246 (AX-2009) |

Product notes

WEEE/RoHS-compliant since: 09/23/2008



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| Technical data | |
|----------------|----------|
| General data | |
| Width | 85 mm |
| Height | 119.8 mm |
| Depth | 71.5 mm |

| | |
|--|---|
| Weight | 220 g |
| Note on weight specifications | Without plug |
| Mounting type | DIN rail |
| Ambient temperature (operation) | -25 °C ... 55 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Permissible humidity (operation) | 75 % ... 85 % |
| Permissible humidity (storage/transport) | 75 % ... 85 % |
| Air pressure (operation) | 80 kPa ... 106 kPa (up to 3000 m above sea level) |
| Air pressure (storage/transport) | 70 kPa ... 106 kPa (up to 3000 m above sea level) |
| Degree of protection | IP20 |
| Test section | 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply/functional earth ground 500 V AC 50 Hz 1 min |

Interface

| | |
|----------------------|-------------------------|
| Fieldbus system | Lokalbus |
| Name | Inline local bus |
| Connection method | Inline data jumper |
| Transmission speed | 500 kBaud |
| Fieldbus system | INTERBUS |
| Name | INTERBUS remote bus |
| Connection method | 4x F-SMA connector |
| Transmission speed | 500 KBit/s |
| Transmission physics | FO |
| Name | Supply |
| Connection method | 8-pos. Inline connector |

Power supply for module electronics

| | |
|----------------------|--|
| Connection method | Inline connectors |
| Supply voltage | 24 V DC (via Inline connector) |
| Supply voltage range | 19.2 V DC ... 30 V DC (including all tolerances, including ripple) |
| Current consumption | max. 1.25 A (with max. number of connected I/O terminal blocks) |

Inline potential routing

| | |
|------------------------------|----------------------------------|
| Communications power U_L | 7.5 V DC $\pm 5\%$ |
| Power supply at U_L | max. 2 A DC (observe derating) |
| I/O supply voltage U_{ANA} | 24 V DC -15% / +20% |
| Power supply at U_{ANA} | max. 0.5 A DC (observe derating) |

Certificates / Approvals



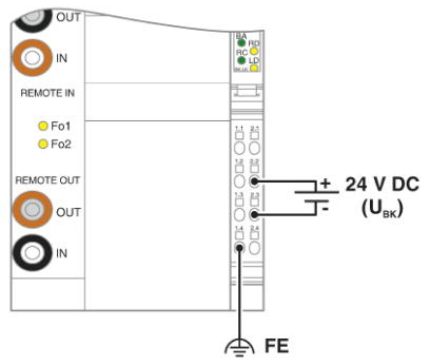
Certification CUL, GL, GOST, UL
 Certification Ex: PxC-EX

Accessories

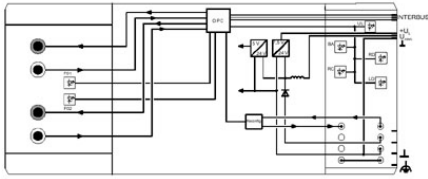
| Item | Designation | Description |
|---------------------|---------------------|--|
| Assembly | | |
| 1201442 | E/UK | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail |
| Marking | | |
| 0809492 | ESL 62X10 | Insert strip for laser printer, lettering field: 62 x 10 mm |
| 2727501 | IB IL FIELD 2 | Labeling field, width: 12.2 mm |
| Plug/Adapter | | |
| 2727462 | IB IL SCN-PWR IN | Connector, for Inline power and segment terminal blocks |
| 2727637 | IB IL SCN-PWR IN-CP | Connector, colored, for Inline power and segment terminal blocks |

Diagrams/Drawings

Connection diagram



Block diagram



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